John **Randolph**

Software Engineer · Data Scientist

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Education

Brown University — *Providence, RI*

B.S., Applied Math-Computer Science and Behavioral Decision Sciences — *September 2017 - May 2021*

- GPA: 4.0 / 4.0

Lakeside School — *Seattle, WA*

High School Diploma — *September 2013 - May 2017*

- GPA: 3.97 / 4.0
- ACT: 35

Experience

Facebook – Incoming — *New York, NY*

Incoming Software Engineering Intern — *Summer 2020*

- Artificial Intelligence Team

Facebook — *Seattle, WA*

Software Engineering Intern – PHP, JavaScript — *Summer 2019*

- Worked for Monthly Billing Team
- Built framework for backend usage of business, organization, and monthly invoicing flows

The Policy Lab @ Brown — *Providence, RI*

Data Scientist Intern – R — *Spring 2019*

- Increased payment compliance for traffic tickets in New Orleans
- Created proposal for statewide integrated data system
- Redesigned DMV forms and presented at Rhode Island DMV and DOR

University of Washington Clinical Informatics Research Group — *Seattle, WA*

Software Engineering Intern – Python, JavaScript — *Summer 2018*

- For movember.com and truenth.org, updated code from Python 2 to 3
- Implemented Swagger UI for testing

Skills

Languages Java, C, R, Python, JavaScript, HTML, CSS, PHP, SQL, Scala, Racket, OCaml
Software MATLAB, Mathematica, Rhinoceros, OpenSCAD, LaTex

Coursework

Major	**Applied Math** ——	**Computer Science**	**Behavioral Decision Sciences**
Coursework	Computational Prob & Stats	Artificial Intelligence	Psychology of Making Decisions
	Statistical Inference I	Machine Learning	Introduction to Neuroscience
	Recent Applications of Prob & Stats	Algorithmic Game Theory	Cognitive Neuroscience
	Probabilistic Models of Ops Research	Discrete Structures & Prob	Principles of Economics
	Applied ODEs	Systems	Mathematical Microeconomics
	Honors Linear Algebra	Logic for Systems	Behavioral Economics
	Mathematical Logic I & II	CS: An Integrated Introduction I & II	Game Theory

Honors & Awards

2017 **Winner,** National Merit Competition
2016 **Round One Winner,** Paul Allen Computing Challenge